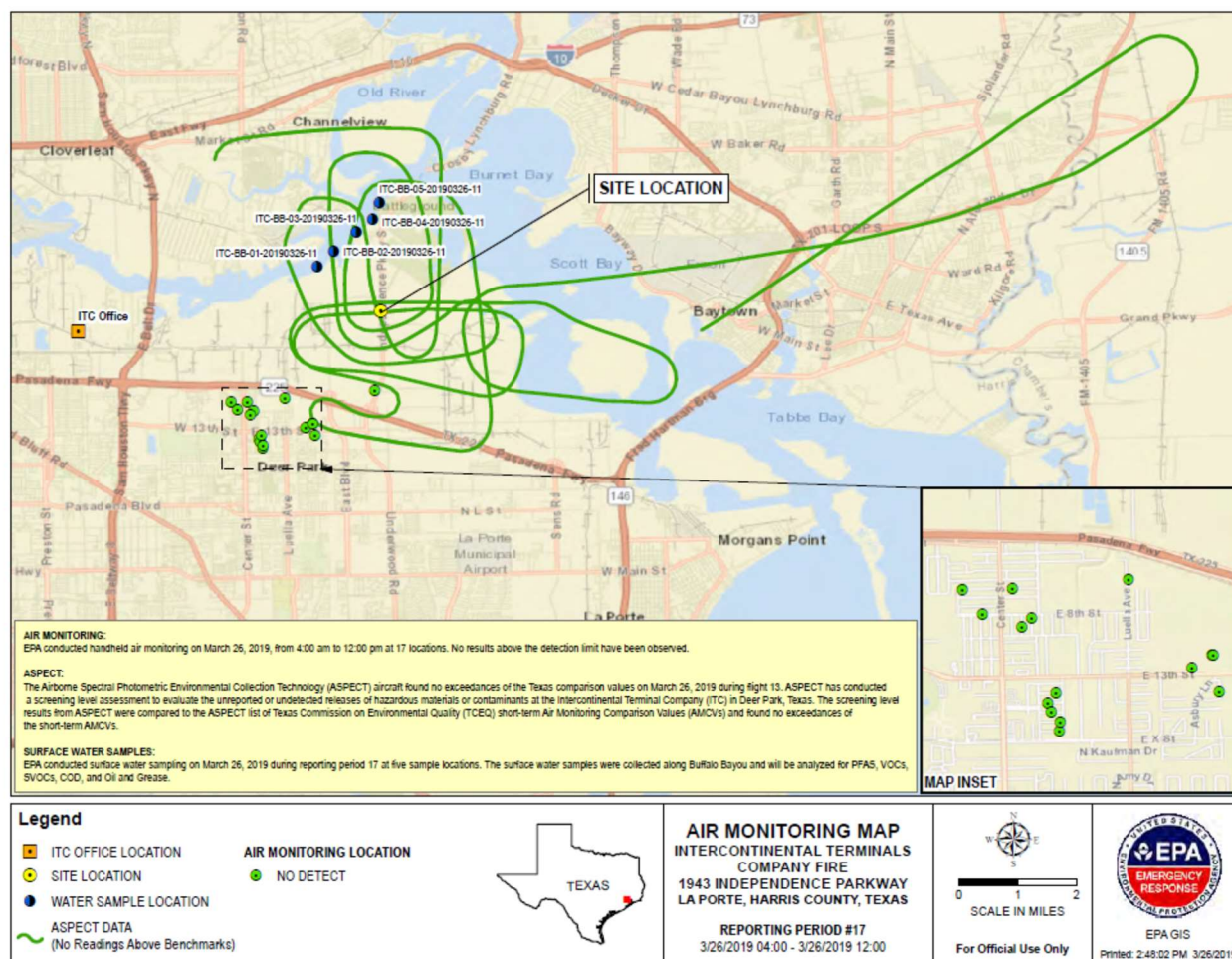


Intercontinental Terminals Company (ITC) Fire Afternoon Update
Deer Park, Texas
March 26, 2019 0400 – March 26, 2019 1200

- Environmental Protection Agency (EPA) continues to participate in Unified Command with the Texas Commission on Environmental Quality (TCEQ), Harris County Pollution Control Services, and ITC.
- EPA is developing an Emergency Funding Authorization (EFA) for both the United States Coast Guard (USCG) and the National Oceanic and Atmospheric Administration (NOAA) to continue funding for operations.
- ITC Operations are refining boom locations to facilitate recovery of product using vacuum trucks at Tucker Bayou and the Houston Ship Channel confluence.
- Petroleum products and foam continue to be recovered by vacuum truck at Tucker Bayou on a 24-hour basis.
- On March 26, 2019, fourteen dead fish and one dead turtle were collected adjacent to the ITC docks. A wildlife expert has been requested by ITC.
- The USCG Captain of the Port is continuing the controlled open for the Ship Channel on March 26, 2019, with traffic during the daytime only. Decontamination vessels are being positioned to help ships that may have residue on the hulls.
- ITC continues foaming of the secondary containment and tanks as necessary to prevent reignition and reduce emissions.
- On March 25, 2019, USCG expressed concerns about holding recovered material on the skimmers due to a potential fire hazard. TCEQ, EPA, and USCG agreed to allow ITC to pump recovered material from the multiple skimmer vessels to barges destined for disposal at a TCEQ authorized disposal facility.
- Benzene detections by ITC monitoring equipment in the immediate tank farm area are decreasing. EPA has requested ITC to develop a visual aid (chart) that displays the number of readings, detections, and action level detections of benzene daily.
- Several entities including Harris County, Texas Commission on Environmental Quality (TCEQ), EPA, the Texas National Guard 6th Civil Support Team, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and in communities downwind from the facility.
- EPA conducted surface water sampling on March 26, 2019 during reporting period 17 at five sample locations. The surface water samples were collected along Buffalo Bayou and will be analyzed for Per- and polyfluoroalkyl substances, Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Chemical Oxygen Demand (COD), and Oil & Grease.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft found no exceedances of the Texas comparison values on March 26, 2019 during flight 13. ASPECT has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the Intercontinental Terminal Company (ITC) in Deer Park, Texas. The screening level results from ASPECT were compared to the ASPECT list of TCEQ short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs.
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on March 25, 2019 during reporting period 15. The reporting of this TAGA information was delayed due to technical issues with the Global Positioning System (GPS) and Geographical Information System (GIS). The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were

compared to the TCEQ short-term AMCVs and found no exceedances of the short-term AMCVs for benzene, toluene and xylene

- EPA conducted handheld air monitoring from March 26, 2019, (04:00 pm) to March 26, 2019, (12:00 am) at 60 locations. No results above the detection limit have been observed.
- ITC continued air monitoring on March 26, 2019, (midnight to noon), there were 323 VOC readings (2 detections) and 185 benzene readings (0 detections); overall there were 3958 VOC readings (112 detections) with and 2954 benzene readings (110 detections). Benzene measurements above the action levels continue to be detected close to the tank farm on Tidal Road, and near Dock 4 on Buffalo Bayou.
- EPA conducted handheld air monitoring on March 26, 2019, from 4:00 am to 12:00 pm at 17 locations. No results above the detection limit have been observed
- On March 26, 2019, Unified Command developed, reviewed, and approved the Incident Action Plan for the next operational period.
- The Rapid Assessment Team (RAT) continues visual assessments and documentation along the Bayou shorelines on March 26, 2019. OSC Fisher is accompanying the team.





Substance	CAS #	Short-term AMCV Health (ppb)
benzene	71-43-2	180
m,p-xylene	179601-23-1	1700
o-xylene	95-47-6	1700
toluene	106-86-3	4000

Legend

ITC OFFICE LOCATION

SITE LOCATION

RESULTS BELOW AMCVs



TAGA MONITORING MAP
INTERCONTINENTAL TERMINALS
COMPANY FIRE
1943 INDEPENDENCE PARKWAY
LA PORTE, HARRIS COUNTY, TEXAS

REPORTING PERIOD #17
3/25/2019 04:00 - 3/26/2019 12:00

